

Intel Core i5-10600KF processor 4,1 GHz 12 MB Smart Cache Box

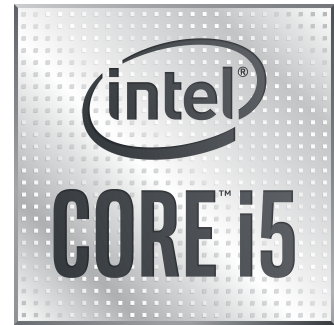
Merk : Intel

Productfamilie: Core

Artikelcode: BX8070110600KF

Productnaam : i5-10600KF

Intel Core i5-10600KF. Processorfamilie: Intel® Core™ i5, Processor socket: LGA 1200 (Socket H5), Processor lithografie: 14 nm. Geheugen kanaal: Dubbelkanaals, Maximaal intern geheugen ondersteund door processor: 128 GB, Geheugentypen ondersteund door processor: DDR4-SDRAM. Marktsegment: Desktop, PCI Express configuraties: 1x16, 2x8, 1x8+2x4, Ondersteunde instructie sets: SSE4.1, SSE4.2, AVX 2.0. Intel® Turbo Boost Technology 2.0 frequency: 4,8 GHz. Type verpakking: Retaildoos



| Processor | | Kenmerken | |
|--|--------------------------------|--|---------|
| Processorfabrikant * | Intel | Export Control Classification Number (ECCN) | 5A992C |
| Processorgeneratie | Intel® 10de generatie Core™ i5 | Commodity Classification Automated Tracking System (CCATS) | G077159 |
| Processormodel * | i5-10600KF | Processor speciale functies | |
| Basisfrequentie processor * | 4,1 GHz | Intel® Hyper Threading Technology (Intel® HT Technology) | ✓ |
| Processorfamilie * | Intel® Core™ i5 | Intel® Identity Protection Technology (Intel® IPT) | ✓ |
| Aantal processorkernen * | 6 | Intel® Turbo Boost Technology | 2.0 |
| Processor socket * | LGA 1200 (Socket H5) | Intel® AES New Instructions (Intel® AES-NI) | ✓ |
| Component voor | PC | Enhanced Intel SpeedStep Technology | ✓ |
| Processor lithografie * | 14 nm | Intel® Trusted Execution Technology | ✗ |
| Processor aantal threads | 12 | Intel® Thermal Velocity Boost | ✗ |
| Systeembus | 8 GT/s | Intel® Turbo Boost Technology 2.0 frequency | 4,8 GHz |
| Processor operating modes * | 64-bit | Intel® Transactional Synchronization Extensions | ✗ |
| Maximale turbofrequentie van processor | 4,8 GHz | Intel® VT-x with Extended Page Tables (EPT) | ✓ |
| Processor cache | 12 MB | Intel® Secure Key | ✓ |
| Processor cache type | Smart Cache | Intel® Stable Image Platform Program (SIPP) | ✗ |
| Thermal Design Power (TDP) | 125 W | Intel® OS Guard | ✓ |
| Box * | ✓ | Intel® Software Guard Extensions (Intel® SGX) | ✓ |
| Configureerbare TDP-downfrequentie | 3,8 GHz | Intel® 64 | ✓ |
| Inclusief koeler * | ✗ | Intel® Virtualization Technology (VT-x) | ✓ |
| Configureerbare TDP-down | 95 W | Intel® Virtualization Technology for Directed I/O (VT-d) | ✓ |
| Generatie | 10th Generation | Intel® Turbo Boost Max Technology 3.0 | ✗ |
| Geheugenbandbreedte ondersteund door de processor (max) | 41,6 GB/s | Intel® Optane™ Memory Ready | ✓ |
| Codenaam processor | Comet Lake | Intel® Boot Guard | ✓ |
| ARK ID processor | 199315 | Intel® vPro™ Platform Eligibility | ✗ |
| Geheugen | | Eisen aan de omgeving | |
| Maximaal intern geheugen ondersteund door processor | 128 GB | Tjunction | 100 °C |
| Geheugentypen ondersteund door processor | DDR4-SDRAM | | |
| Klokgeheugen-snelheden ondersteund door processor | 2666 MHz | | |
| Geheugen kanaal * | Dubbelkanaals | | |
| ECC | ✗ | | |
| Grafisch | | | |
| Ingebouwde grafische adapter * | ✗ | | |
| Aparte grafische adapter * | ✗ | | |
| On-board graphics adapter model * | Niet beschikbaar | | |

| Grafisch | | Technische details | |
|------------------------------------|-------------------------|----------------------------------|----------------|
| Discreet grafische adapter model * | Niet beschikbaar | Doelgroep | Gaming |
| Kenmerken | | Lanceringsdatum | Q2'20 |
| Execute Disable Bit | ✓ | Type product | Processor |
| Idle States | ✓ | Status | Launched |
| Thermal Monitoring Technologies | ✓ | Maximaal geheugen | 128 GB |
| Marktsegment | Desktop | Ondersteunde geheugen types | DDR4-SDRAM |
| Maximaal aantal PCI Express-lijnen | 16 | Bussnelheid | 8 GT/s |
| PCI Express slots versie | 3.0 | Logistieke gegevens | |
| PCI Express configuraties | 1x16, 2x8, 1x8+2x4 | Code geharmoniseerd systeem (HS) | 85423119 |
| Ondersteunde instructie sets | SSE4.1, SSE4.2, AVX 2.0 | Verpakking | |
| Schaalbaarheid | 1S | Type verpakking | Retaildoos |
| CPU configuratie (max) | 1 | Gewicht en omvang | |
| Ingebouwde opties beschikbaar | ✗ | Verpakkingsgrootte processor | 37.5 x 37.5 mm |
| Thermal solution specificatie | PCG 2015D | Overige specificaties | |
| PCI Express CEM revisie | 3.0 | Maximum intern geheugen | 128 GB |



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